

Title (en)  
OVER-THE-WIRE ULTRASOUND SYSTEM

Title (de)  
ULTRASCHALLSYSTEM MIT FÜHRUNGSDRAHT

Title (fr)  
SYSTÈME ULTRASONIQUE SUR FIL-GUIDE

Publication  
**EP 3052024 A4 20170607 (EN)**

Application  
**EP 14850980 A 20140930**

Priority  
• US 201361885155 P 20131001  
• US 2014058269 W 20140930

Abstract (en)  
[origin: US2015094595A1] Disclosed are embodiments of devices and methods for imaging the inside of a body part, such as a blood vessel. In particular embodiments, a catheter has a chamber within which is a transducer. A wire guide channel extends throughout the length of the catheter. The transducer is rotatable around the wire guide channel.

IPC 8 full level  
**A61B 1/018** (2006.01); **A61B 8/00** (2006.01); **A61B 8/08** (2006.01); **A61B 8/12** (2006.01)

CPC (source: EP US)  
**A61B 1/018** (2013.01 - EP US); **A61B 8/0891** (2013.01 - EP US); **A61B 8/12** (2013.01 - EP US); **A61B 8/445** (2013.01 - EP US); **A61B 8/4461** (2013.01 - EP US); **A61B 8/4444** (2013.01 - US)

Citation (search report)  
• [XA] US 5377682 A 19950103 - UENO SHINICHIRO [JP], et al  
• See references of WO 2015050860A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10314560 B2 20190611**; **US 2015094595 A1 20150402**; AU 2014329796 A1 20160428; AU 2014329796 B2 20190103; CN 105744894 A 20160706; CN 105744894 B 20200609; EP 3052024 A1 20160810; EP 3052024 A4 20170607; EP 3052024 B1 20181024; JP 2016531641 A 20161013; JP 6526640 B2 20190605; WO 2015050860 A1 20150409

DOCDB simple family (application)  
**US 201414501746 A 20140930**; AU 2014329796 A 20140930; CN 201480063174 A 20140930; EP 14850980 A 20140930; JP 2016519807 A 20140930; US 2014058269 W 20140930